

09-21-94 Continued the listings book for Tom.  
 09-22-94 Finished the listings book and some copies for myself.  
 PERSONAL> 4 hours of vacation.  
 09-23-94 Took the day off as comp time and charged it to AutoSplit.

09-26-94 Started the PCMCIA memory card check out software for T. Torres on the EFAS program.  
 09-27-94 Continued the PCMCIA memory card check software.  
 09-28-94 Continued the PCMCIA memory card check software.  
 PERSONAL> Left at 2:30pm to get a root canal at Dr. Misch's office.  
 09-29-94 Went to TCONA for an AutoSplit algorithm and code walk through.  
 09-30-94 Worked on the PCMCIA memory card check software.

10-03-94 Worked on the PCMCIA memory card check software. Also talked to Steeby about AutoSplit stuff for about 1.5 hours.  
 10-04-94 Played with Quattro Pro macro's.  
 10-05-94 Wrote up a patent disclosure for the AutoSplit intent to shift.  
 PERSONAL> Broke a tooth at lunch yesterday and went to Dr. Misch's office.  
 10-06-94 Played with Quattro Pro macro's.  
 10-07-94 Worked on the Concept 2001 Visio drawings.

10-10-94 Worked on the Concept 2001 Visio drawings.  
 10-11-94 Worked on the Concept 2001 Visio drawings. Also started gathering connectors for the wire harness. Also did a pencil study of how the harness will be laid out.  
 10-12-94 Worked on Concept 2001 AutoSplit base software. Talked to Steve Smith about a electric switch shift knob for my project.  
 10-13-94 Attended a human factors meeting for Shuby's collision warning system. Also worked on Concept 2001 AutoSplit base software.  
 (Added code for all new switch inputs.)  
 10-14-94 Found the AutoSplit/AgChem test fixture and modified it for use on Concept2001. (Added another switch input and re-labeled the switches)

10-17-94 Debugged the new switch reading code in the test fixture. Started test code that will PWM a solenoid at 10 hertz, (100 msec period).  
 10-18-94 Attended the all day Al Stine meeting.  
 10-19-94 Continued work on the PWM code for Concept 2001.  
 10-20-94 Changed the name "Concept 2001" to "R-747" on all my documentation. Started modifying the test fixture; added binding posts for a PWM solenoid output, changed the wiring for the battery switch.  
 10-21-94 Finished modifying the test fixture.

10-24-94 Setup the R747 test fixture in the micro lab where there is an air source. Was promptly kicked out cuz the darn thing was too noisy. Ordered two ZIF socket bases that can be soldered to the ECU.  
 10-25-94 Put the R747 test fixture in C110, (JDIII's room). Tracked down a solenoid pulse width modulator test box and asked Roger Keller to repair it.  
 10-26-94 Started R747 software to do input shaft speed substution with engine speed or output shaft speed depending on conditions.  
 10-27-94 Tested it on the bench and it works. Got the repaired solenoid test box for Roger Keller. Pete Knowton and I cut and twisted wire for the R-747 harness.  
 10-28-94 Worked on the main connector for the R-747 harness.

10-31-94 Worked on the main connector for the R-747 harness.  
 11-01-94 Added wire colors to a copy of the Concpet Prototype Wiring Diagram.  
 11-02-94 Gathered data from the R-747 test setup.  
 11-03-94 Gathered data from the R-747 test setup.  
 11-04-94 Drove around in the new R747 truck.

11-07-94 Changed around the wire color and pin out assignments for the R-747 concept truck to put a smaller pair of wires into the shift lever. Gathered %\_available\_force VS supply voltage for AS1 valve. Figured out how to make out ignition A2D read its voltage correctly and made and checked out the software change. Took apart the A-B box and found an unused switch position that we can use to switch power to the small programmer.  
 11-08-94 Talked to Dave Wadas; he wants plots of current vs time on the AS1 valve. Talked to Steeby about AutoSplit. Dan Mercure ran the plots for Dave Wadas.  
 PERSONAL> Had to leave at noon to take Tiffany to the doctor.  
 11-09-94 Spent the whole day getting new office furniture.  
 11-10-94 Made up the small harness that is used in the glove box for the R-747 truck. Also cut the hole in the glove box. Epoxied the connector on the intent-to-shift knob after JDIII installed the push button.  
 11-11-94 Worked on the harness in the R-747 truck.